

**QUALIFICATIONS CERTIFIED
MAY 2005**

QPL-87937-12
20 May 2005
SUPERSEDING
QPL-87937-11
08 April 2005

**QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION
MIL-PRF-87937
CLEANING COMPOUND, AEROSPACE EQUIPMENT**

This list has been prepared for use by or for the Government in the procurement of products covered by subject specification and such listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release or otherwise affect the obligation of the supplier or manufacturer to comply with the specification requirements. Use of the information for advertising or publicity purposes is expressly forbidden.

THE ACTIVITY RESPONSIBLE FOR THIS QUALIFIED PRODUCTS LIST IS THE AIR
FORCE PETROLEUM OFFICE, DET 3 WR-ALC/AFTT, 2430 C ST BLDG 70 AREA B,
WRIGHT-PATTERSON AFB OH 45433-7632.

The products qualified to this QPL are listed as four different types according to the applicable specification.

- a. Type I -Terpene Based, Solvent Emulsion, Water Dilutable Cleaning Compound
- b. Type III -Gel-Type Cleaning Compound
- c. Type IV -Heavy Duty, Water Dilutable Cleaning Compound

The QPL lists the Government designation, Manufacturer's Designation, pH Conc/10%, Percent Nonvolatile, the Test or Qualification Reference, and the manufacturer's name in the following table. The addresses of approved manufacturers and their regional plants are listed after the table. The common National Stock Numbers (NSN) used for product ordering is listed for the user's reference.

NOTE

Type II aircraft cleaning compounds have been phased out and replaced with Type IV products.

AMSC N/A

FSC 6850

QPL-87937-12

DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

Government Designation	Manufacturer's Designation	pH Conc/10%	Percent Nonvolatile	Test or Qualification Reference	Manufacturer's Name (For Manufacturer Address refer to locations list)
TYPE I	Penair HD-1	9.5/9.7	20.2	AFTT 03-001	Penetone Corporation
	Penair RHD-1	9.2/9.3	22.8	AFTT 03-002	Penetone Corporation
	Callasolve 120	8.8/7.9	28.2	AFTT 05-001	Zip-Chem Products, Inc.
TYPE II	Type II aircraft cleaning compounds have been phased out and replaced with Type IV products.				
TYPE III	B&B Re Gel	10.7/10.1	6.7	AFTT 04-001	B&B Tritech, Inc.
	Astrosol 37	10.5/10.2	4.6	AFTT 02-001	Eldorado Chemical Co., Inc.
	MA-303	8.1/7.8	47.5	AFTT 02-009	JAD Chemical Co., Inc.
	Cee-Bee A-883	9.2/8.9	3.8	AFTT 04-005	McGean
	Ardrox 6021	9.6/9.4	7.5	AFTT 02-010	Oakite Products, Inc.
	Penair HD-3	8.8/8.4	9.6	SFTT 96-003	Penetone Corporation
	AI 8493-3K	10.8/9.9	6.1	AFTT 05-003	Space Chemical, Inc.
TYPE IV	VpCI-415	8.0/7.8	9.6	AFTT 05-004	Cortec Corporation
	ALK-774	9.0/8.3	12.3	AFTT 04-004	Eldorado Chemical Co., Inc.
	SC-Aircraft and Metal Cleaner	7.6/8.4	5.1	AFTT 04-002	Gemtek Products
	MA-404	9.0/8.8	35.6	SFTT 98-007	JAD Chemical Co., Inc.
	Cee-Bee A-882	8.7/8.4	7.1	AFTT 04-006	McGean
	AERO-WASH IV	7.7/7.8	14.7	AFTT 02-008	Rochester Midland Corporation
	AV-8 Military Aircraft Cleaner	9.8/9.3	29.0	AFTT 05-002	Spray Nine Corporation
	Calla 804	8.0/8.4	27.0	AFTT 04-003	Zip-Chem Products

Manufacturer and supplier locations:

TYPE I AIRCRAFT CLEANING COMPOUNDS

Penetone Corporation Headquarters:

Penetone Corporation, 700 Gotham Parkway, Carlstadt, NJ 07072

Plant Locations:

Penetone Corporation, 700 Gotham Parkway Carlstadt, NJ 07072

West Penetone Inc., 10900 Secant Ville D'Anjou, Quebec, Canada H1J1S5

Petron, 16700 Glendale Drive, New Berlin, WI 53151

Univar, Inc., 3320 South Council Road, Oklahoma City, OK 73179

Univar, Inc., 2145 Skyland Ct., Norcross, GA 30071-2960

Univar, Inc., 10889 Bekay St., Dallas, TX 75238-1313

Univar, Inc., 777 Brisbane St., Houston, TX 77061-5044

Univar, Inc., 2000 Guinotte Ave., Kansas City, MO 64120-1537

Univar, Inc., 1363 South Bonnie Beach Pl., Los Angeles, CA 90023-4001

Univar, Inc., 1701 South 101st St., Milwaukee, WI 53214-4010

Univar, Inc., 3002 F St., Omaha, NE 68107-1599

Univar, Inc., 50 South 45th Ave., Phoenix, AZ 85043-3907

Univar, Inc., 9733 Coach Rd., Richmond, VA 23237-3907

Univar, Inc., 650 West 800 St., Salt Lake City, UT 84104-1026

Univar, Inc., 2750 Southport Rd., Spartanburg, NC 29302

Zip-Chem Products, Inc., Headquarters:

Zip-Chem Products, Inc., 400 Jarvis Drive, Morgan Hill, CA 95037

Plant Locations:

Zip-Chem Products, 400 Jarvis Drive, Morgan Hill, CA 95037

TYPE III AIRCRAFT CLEANING COMPOUNDS

B&B Tritech, Inc., Headquarters:

B&B Tritech, Inc., 875 West 20th Street, Hialeah, FL 33010

Plant Locations:

B&B Tritech, Inc., 875 West 20th Street, Hialeah, FL 33010

Manufacturer and supplier locations: (Continued)

TYPE III AIRCRAFT CLEANING COMPOUNDS (Continued)

Eldorado Chemical Co. Headquarters:

Eldorado Chemical Co., Inc., P.O. Box 34837, San Antonio, TX 78265-4837

Plant Locations:

Eldorado Chemical Co., Inc., 14350 Lookout Road, San Antonio, TX 78233

Eldorado Chemical Co., Inc., 3245 Production Drive, Fairfield, OH 45014-4232

Eldorado Chemical Co., Inc., 1805 East Charter Way, Stockton, CA 95205

Chyuan Jing Industrial Co., LTD, 6th Floor, #107, SEC 4 Jen Ai Road Taipei, Taiwan
Republic of China

JAD Chemical Co., Inc., Headquarters:

JAD Chemical Co., Inc., P.O. Box 6786, San Pedro, CA 90734-6786

Plant Locations:

JAD Chemical/Custom Chemical, 8707 Millergrove Drive, Santa Fe Springs, CA 90670

McGean Headquarters:

McGean, 2910 Harvard Avenue, Cleveland, OH 44105

Plant Locations:

McGean-Rohco, Inc., 38521 Schoolcraft Avenue, Livonia, MI 48150

McGean-Rohco Singapore Pte. Ltd., No. 6 Gul Link, Singapore 629376

The Japan Cee-Bee Chemical, Company, Ltd., Kyodo Bld., No. 4-10, 2-chome,
Iwamotocho, Chiyoda-ku, Tokyo, Japan

Cee-Bee Products Division, McGean-Rohco (U.K.) Ltd., Qualcast Road, Lower
Horseley Fields, Wolverhampton, West Midlands, WV1 2QP, England

Manufacturer and supplier locations: (Continued)

TYPE III AIRCRAFT CLEANING COMPOUNDS (Continued)

Oakite Products, Inc., Headquarters:

Oakite Products, Inc., 16961 Knott Avenue, La Mirada, CA 90638

Plant Locations:

Chemetall GmbH, Trakehner StraBe 3, D-60487, Frankfurt a.M. Germany

Oakite Products Inc 16961 Knott Avenue, La Mirada, CA 90538

Oakite Products Inc, 10100 Hirsch Road, Houston, TX 77016

Chemetall PLC, Denbigh Road Bletchey, Milton Keynes, MK1 1 PB United Kingdom

Chemetall S.A., 11 Boulevard de la Manutention, F-89100 Senns Yonne, France

Chemetall Iberica S.A. Aparto 53, 28850 Torrejon de Ardoz Madrid, Spain

Chemetall Asia Pte. Ltd, 12 Loyang Crescent, Singapore 508980

Ardrox-Agena Quimaca Ltda, Rua Cambori 112 20.971-160 Rio de Janeiro-RJ, Brazil

SureChem Industries (Pty) Ltd, 23 Arnex Avenue, Girraween NSW 2145, Australia

Oakite Products Inc, 13177 Huron River Drive Romulus, MI 48174

Oakite Canada Ltd, 115 East Drive, Bramalea, Ontario L6T 1B7

Chemetall S.A., 280 Rue Jean-Baptiste Godin, 02200 Villeneuve-Saint-Germain,
Cedex France

Chemetall Iberica S.A., Po de la Ribera 08420 – Canovelles (Barcelona), Spain

Chemetall Italia S.r.L Via della Tecnica 5/7, 20034 Guissano-Birone, Italy

Chemetall Mexicana S.A. de C.V., Reforma 250, Col. Grajas Estrella Del Ixtapalapa,
Mexico

Chemserve Systems (Pty) Ltd, P.O. Box 12055, Chloorkop 1642 Transvaal, South
Africa

Tambour Ecology Ltd, P.O. Box 287, Yahud 56101, Israel

Manufacturer and supplier locations: (Continued)

TYPE III AIRCRAFT CLEANING COMPOUNDS (Continued)

Penetone Corporation Headquarters:

Penetone Corporation, 700 Gotham Parkway, Carlstadt, NJ 07072

Plant Locations:

Penetone Corporation, 700 Gotham Parkway Carlstadt, NJ 07072

West Penetone Inc., 10900 Secant Ville D'Anjou, Quebec, Canada H1J1S5

Petron, 16700 Glendale Drive, New Berlin, WI 53151

Univar, Inc., 3320 South Council Road, Oklahoma City, OK 73179

Univar, Inc., 2145 Skyland Ct., Norcross, GA 30071-2960

Univar, Inc., 10889 Bekay St., Dallas, TX 75238-1313

Univar, Inc., 777 Brisbane St., Houston, TX 77061-5044

Univar, Inc., 2000 Guinotte Ave., Kansas City, MO 64120-1537

Univar, Inc., 1363 South Bonnie Beach Pl., Los Angeles, CA 90023-4001

Univar, Inc., 1701 South 101st St., Milwaukee, WI 53214-4010

Univar, Inc., 3002 F St., Omaha, NE 68107-1599

Univar, Inc., 50 South 45th Ave., Phoenix, AZ 85043-3907

Univar, Inc., 9733 Coach Rd., Richmond, VA 23237-3907

Univar, Inc., 650 West 800 St., Salt Lake City, UT 84104-1026

Univar, Inc., 2750 Southport Rd., Spartanburg, NC 29302

Space Chemical, Inc., Headquarters:

Space Chemical, Inc., P.O. Box 1228, Indiana, PA 15701

Plant Locations:

Space Chemical, Inc., 4565 Hemlock Road, Cherry Tree, PA 15724

TYPE IV AIRCRAFT CLEANING COMPOUNDS

Cortec Corporation Headquarters:

Cortec Corporation, 4119 White Bear Parkway, St. Paul, MN 55110

Plant Locations:

Cortec Corporation, 4119 White Bear Parkway, St. Paul, MN 55110

Manufacturer and supplier locations: (Continued)

TYPE IV AIRCRAFT CLEANING COMPOUNDS (Continued)

Eldorado Chemical Co. Headquarters:

Eldorado Chemical Co., Inc., 11611 North Meridian Suite 600 Carmel, IN 46032

Plant Locations:

Eldorado Chemical Co., Inc., 14350 Lookout Road, San Antonio, TX 78233

Gemtek Products Headquarters:

Gemtek Products, 3808 N 28th Avenue Phoenix, AZ 85017

Plant Locations:

Gemtek Products, 3808 N 28th Avenue Phoenix, AZ 85017

WCS Corporation, 2498 American Avenue Hayward, CA 94545

Royal Chemical, 8679 Freeway Drive Macedonia, OH 44056

JAD Chemical Co., Inc., Headquarters:

JAD Chemical Co., Inc., P.O. Box 6786, San Pedro, CA 90734-6786

Plant Locations:

JAD Chemical/Custom Chemical, 8707 Millergrove Drive, Santa Fe Springs, CA 90670

McGean Headquarters:

McGean, 2910 Harvard Avenue, Cleveland, OH 44105

Plant Locations:

McGean-Rohco, Inc., 38521 Schoolcraft Avenue, Livonia, MI 48150

McGean-Rohco Singapore Pte. Ltd., No. 6 Gul Link, Singapore 629376

The Japan Cee-Bee Chemical, Company, Ltd., Kyodo Bld., No. 4-10, 2-chome, Iwamotocho, Chiyoda-ku, Tokyo, Japan

Cee-Bee Products Division, McGean-Rohco (U.K.) Ltd., Qualcast Road, Lower Horseley Fields, Wolverhampton, West Midlands, WV1 2QP, England

Manufacturer and supplier locations: (Continued)

TYPE IV AIRCRAFT CLEANING COMPOUNDS (Continued)

Rochester Midland Corporation Headquarters:

Rochester Midland Corporation, P.O. Box 31515 Rochester, NY 14603-1515

Plant Locations:

Rochester Midland Corporation, 333 Hollenbeck Street Rochester, NY 14621-3235

Rochester Midland Corporation, 2200 Rochester Drive Montgomery, IL 60538

Spray Nine Corporation Headquarters:

Spray Nine Corporation, PO Box 290, 251 North Comrie Avenue Johnstown, NY 12095

Plant Locations:

Spray Nine Corporation, 251 North Comrie Avenue Johnstown, NY 12095

Zip-Chem Products Company Headquarters:

Zip-Chem Products, 400 Jarvis Drive, Morgan Hill, CA 95037-2809

Plant Locations:

Zip-Chem Products, 400 Jarvis Drive, Morgan Hill, CA 95037-2809

QPL-87937-12

MIL-PRF-87937 is approved for use in the following Technical Orders (TO):

- TO 1-1-691
- TO 35-1-3 (Note: TO 35-1-12 has been incorporated into TO 35-1-3.)

Use the following NSNs when ordering the cleaners:

TYPE	NSN	UNIT OF ISSUE
I	6850-01-390-7808	1 gallon can
I	6850-01-390-7811	5 gallon can
I	6850-01-390-7816	55 gallon drum
I	6850-01-390-7821	Bulk
III	6850-01-390-9530	5 gallon can
III	6850-01-390-9453	55 gallon drum
III	6850-01-390-9558	bulk
IV	6850-01-429-2368	1 gallon can
IV	6850-01-433-0873	5 gallon can
IV	6850-01-429-2371	55 gallon drum
IV	6850-01-506-7706	bulk

Diluted Ready-to-Use (RTU) Units of Issue

TYPE	NSN	UNIT OF ISSUE
I	6850-01-461-0065	24 oz. Bottle with spray trigger
III	6850-01-521-8883	16oz. Bottle with spray trigger
III	6850-01-514-0105	24 oz. Bottle with spray trigger
IV	6850-01-461-0060	24 oz. Bottle with spray trigger
IV	6850-01-461-0070	16 oz. Aerosol can